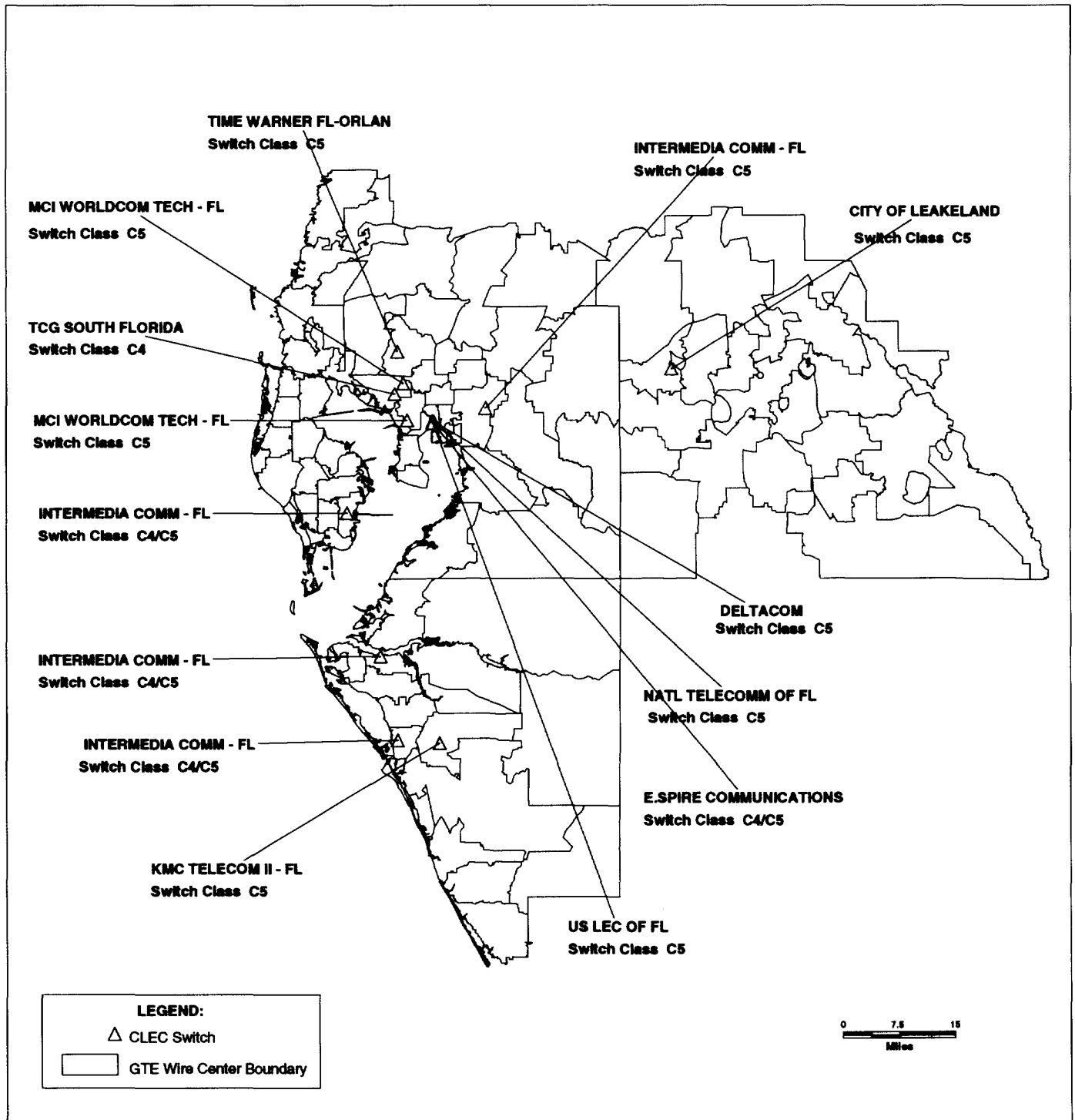


## 1.1 GTE Franchise Area - Florida: CLEC Switch Deployment In Tampa, St. Petersburg, Clearwater, Lakeland, Sarasota, and Bradenton



**GTE Franchise Area – Florida  
CLEC Switch Deployment In Tampa,  
St. Petersburg, Clearwater, Lakeland, Sarasota,  
and Bradenton**

**Overview of Map 1.1**

Map 1.1 demonstrates switch deployment by CLECs in GTE's Florida franchise area. Thirteen CLECs and one municipality in the area own and operate a total of 20 switches.

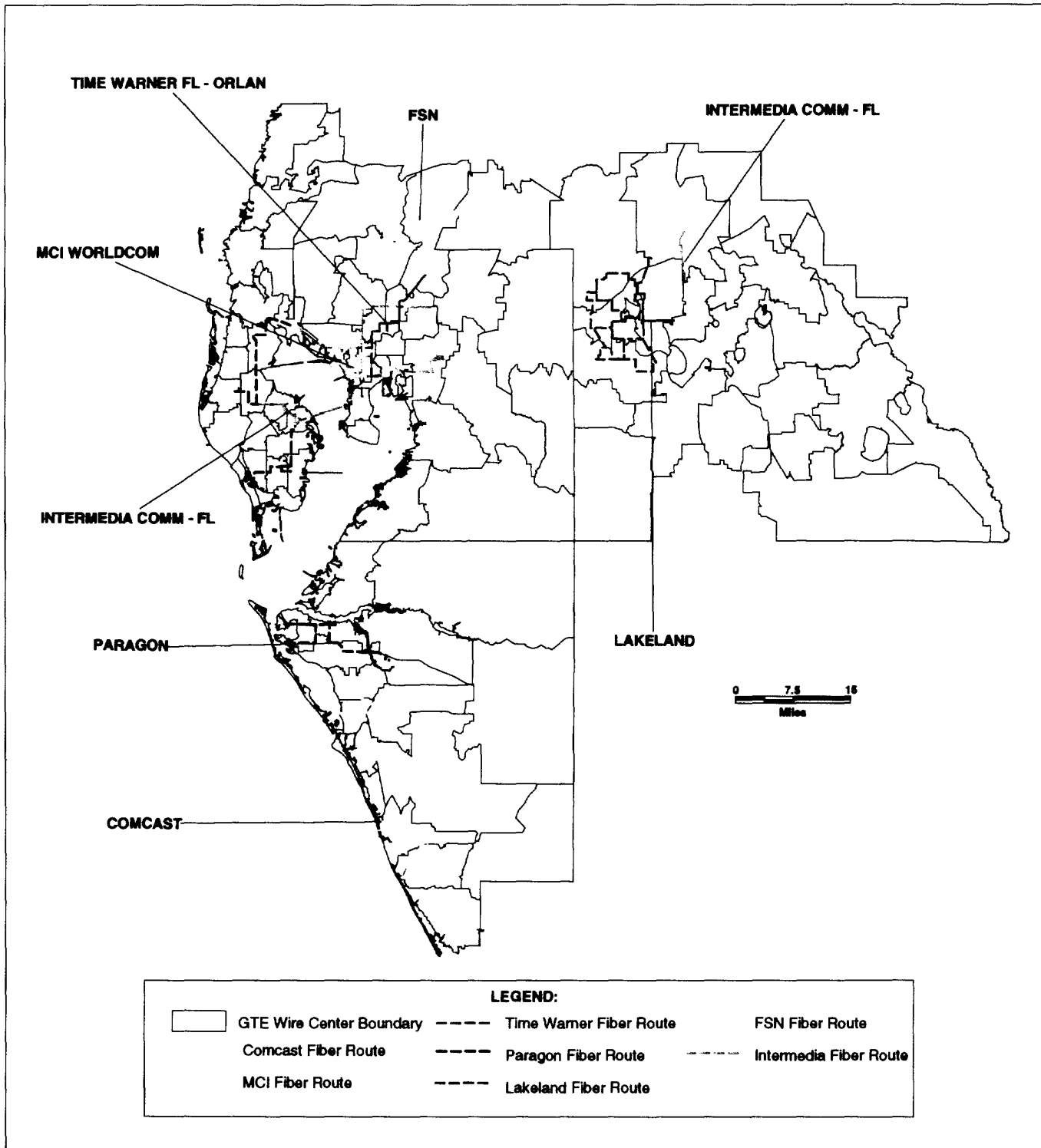
**GTE Franchise Area – Florida  
CLEC Fiber Deployment In Tampa, St. Petersburg,  
Clearwater, Lakeland, Sarasota, and Bradenton**

**Overview of Maps 1.2 – 1.5**

Maps 1.2-1.5 demonstrate competitive fiber routes by carrier in GTE's Florida franchise area.

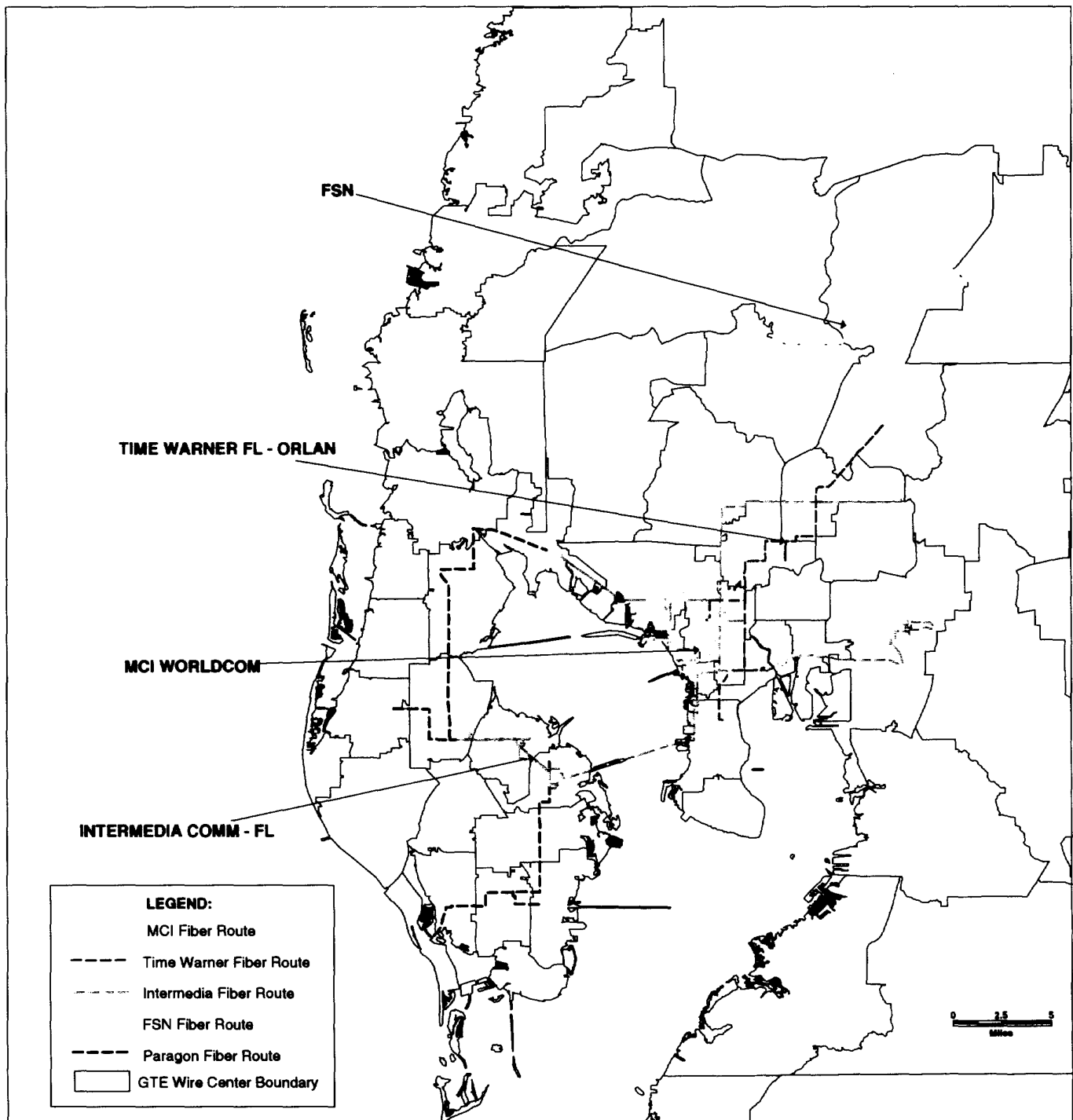
MCI owns the most extensive CLEC network in Tampa, which campuses the central business district. The networks of Time Warner and ICI, by contrast, traverse greater distances across the Tampa area.

## 1.2 GTE Franchise Area - Florida: CLEC Fiber Deployment In Tampa, St. Petersburg, Clearwater, Lakeland, Sarasota, and Bradenton



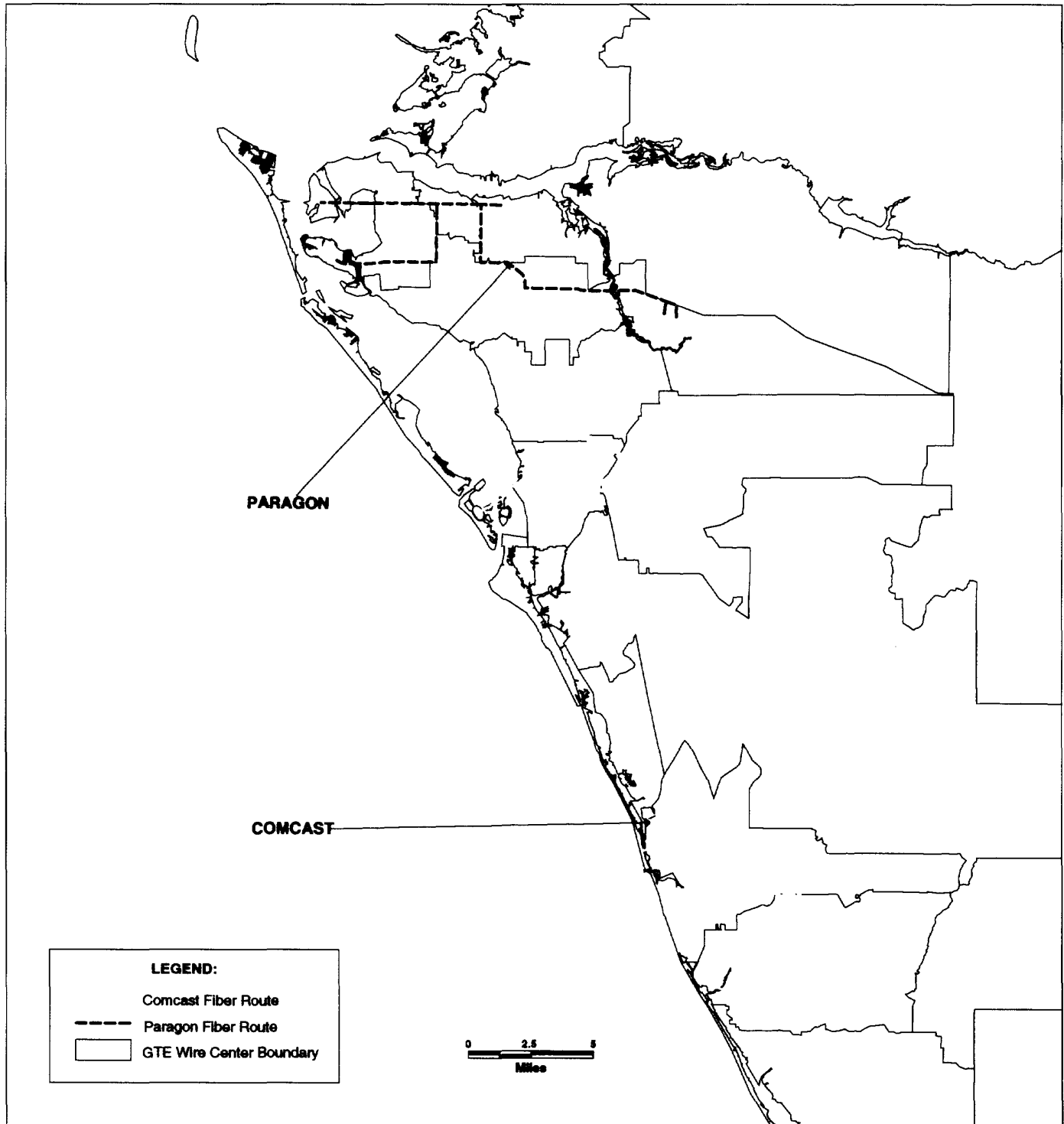
### 1.3 GTE Franchise Area - Florida: CLEC Fiber Deployment In Tampa, St. Petersburg, and Clearwater

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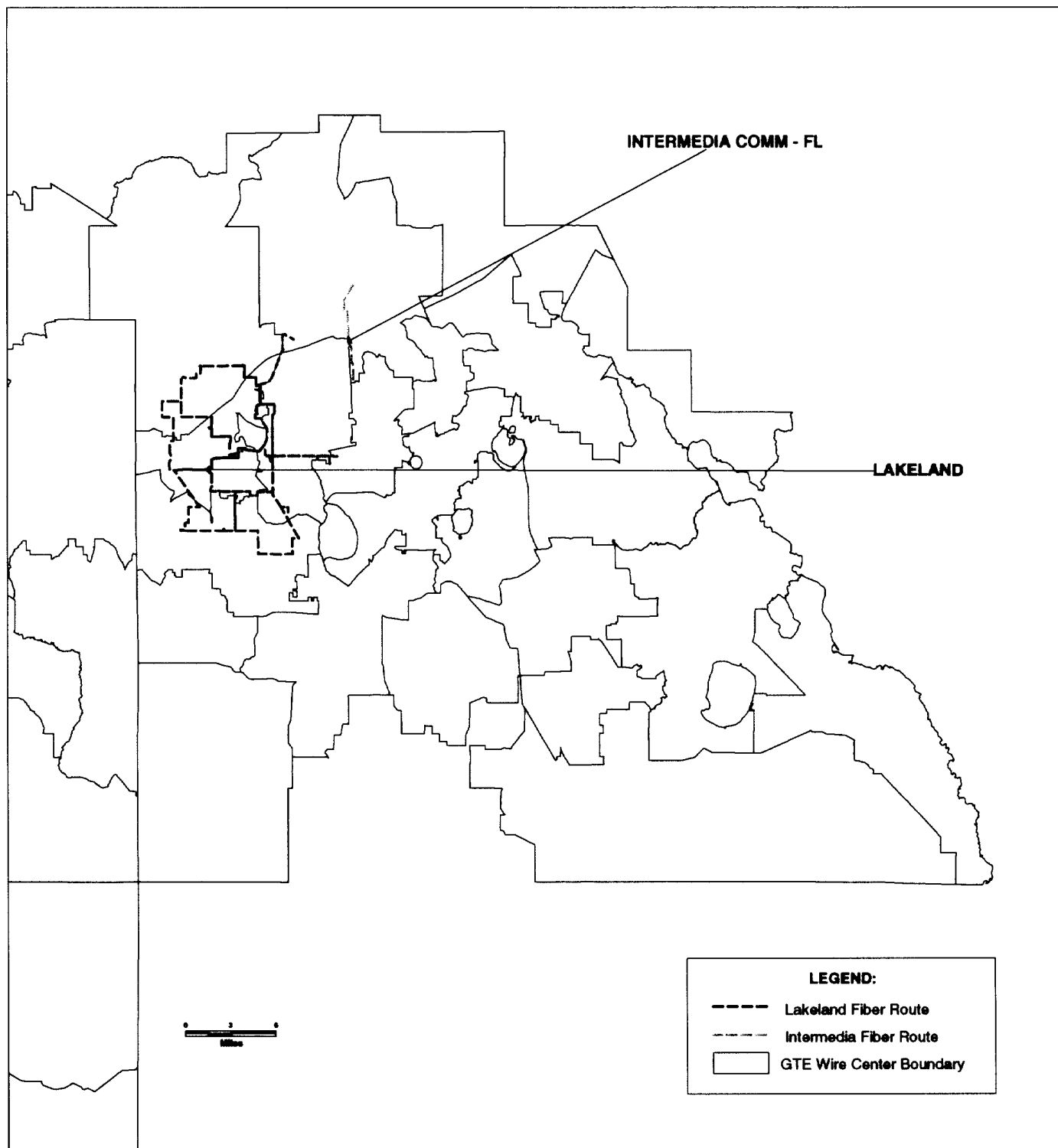
## 1.4 GTE Franchise Area - Florida: CLEC Fiber Deployment In Sarasota And Bradenton

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## 1.5 GTE Franchise Area - Florida: CLEC And Municipal Fiber Deployment In Lakeland

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## **GTE Franchise Area - Tampa And St. Petersburg, Florida: CLEC Bypass Customers And Addressable Market**

### **Overview of Maps 1.6-1.7**

Map 1.6 demonstrates CLEC bypass customers and the addressable market based on competitive facilities in Tampa. Map 1.7 concentrates on St. Petersburg.

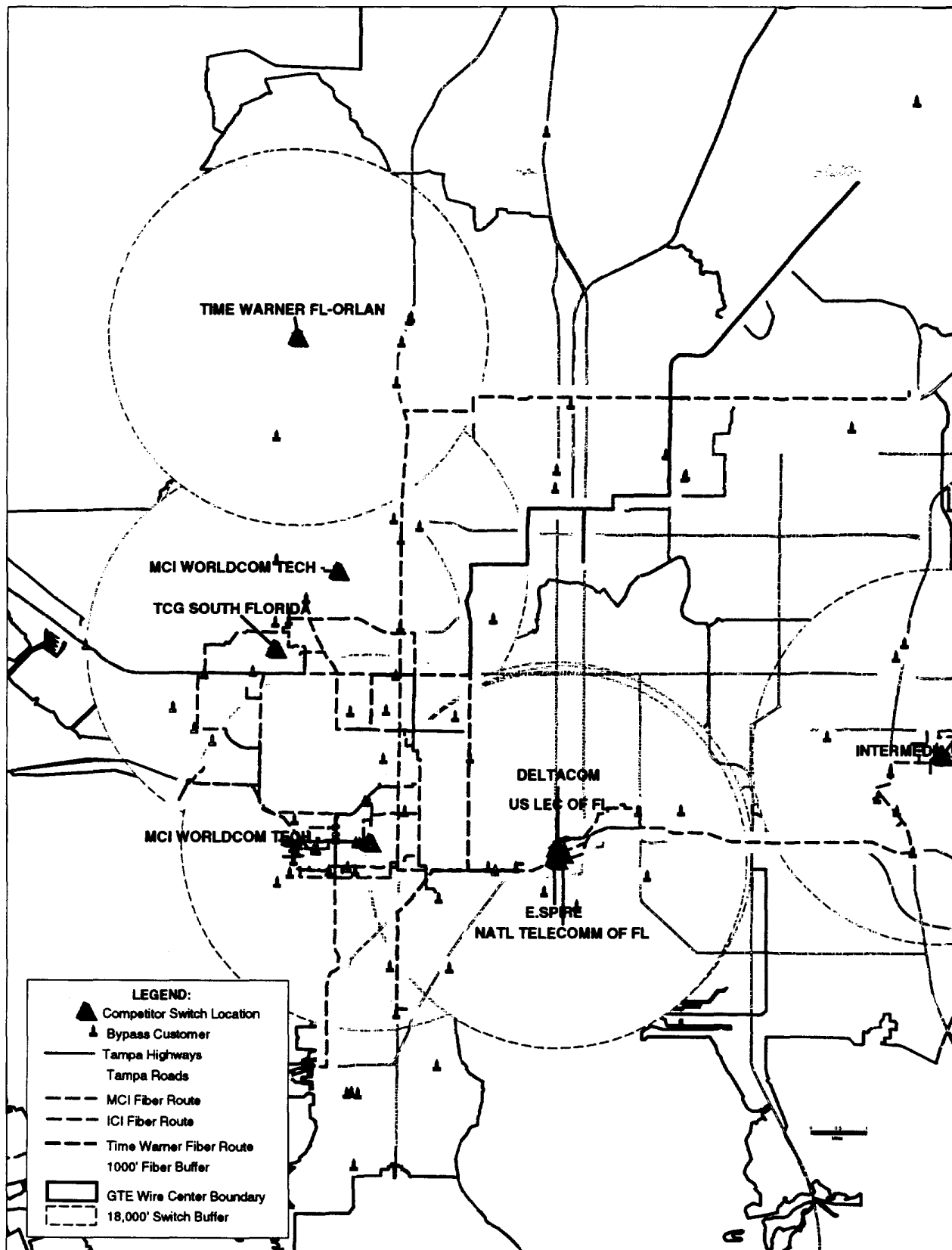
The following definitions are employed for the bypass and addressability statistics that follow:

- Customers that are Immediately Addressable region are defined to fall within a buffer area of 1,000 feet on either side of a competitor's fiber route.
- Customers that are Radius Addressable are defined to fall within a radius of 18,000 feet around a competitor's class five switch.
- Buildings may contain more than one bypass customer.

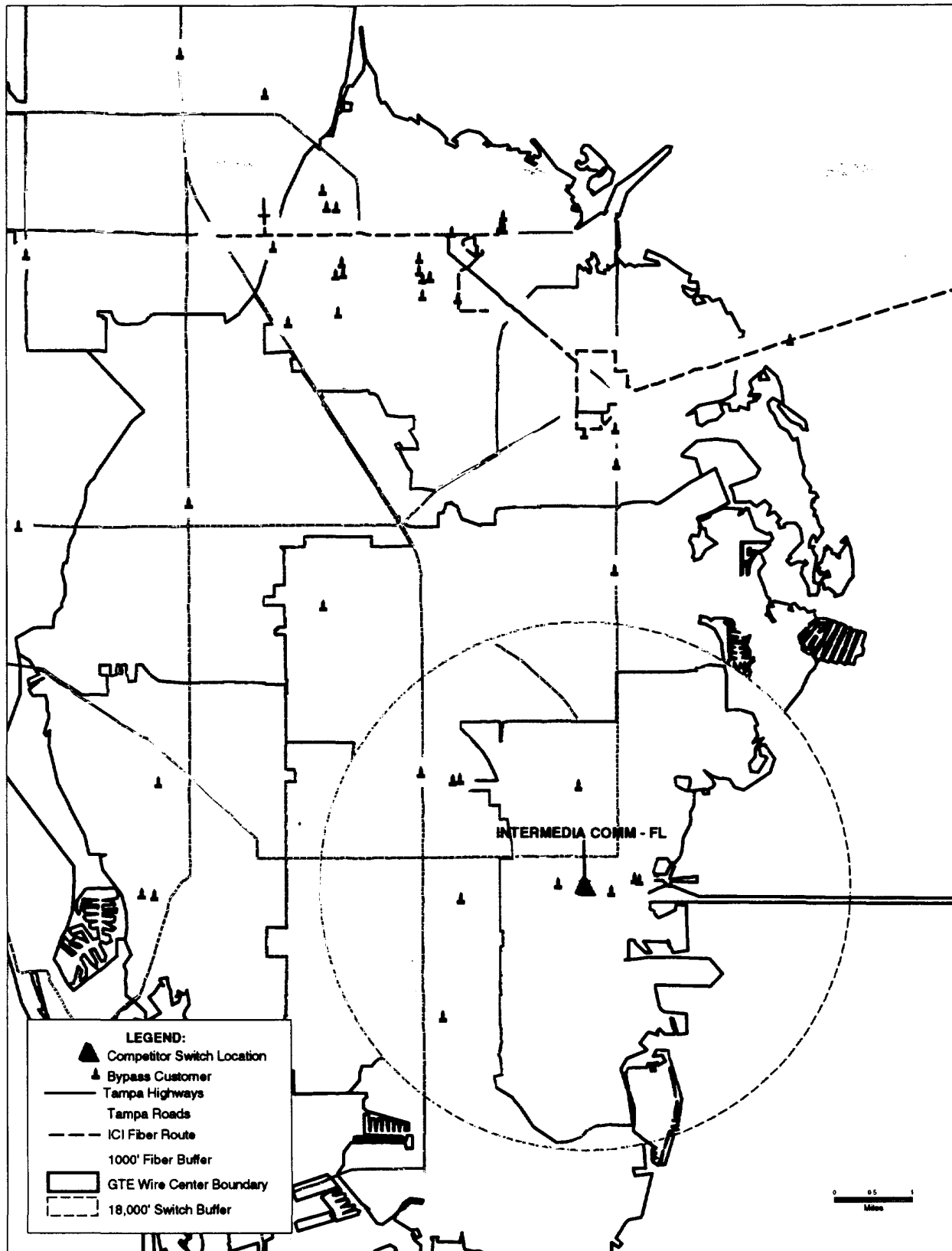
Facilities-based CLECs are targeting businesses of all sizes in Tampa, with MCI achieving the greatest penetration with over 10,000 bypass customers in the entire area. While the concentration of identified bypass customers visually does not appear to be significant, each building shown can represent a location with hundreds of businesses. Competitive switches and fiber are placed strategically and, by the addressability estimates here, upwards of 70% of businesses and 60% of residential customers can be reached easily from existing CLEC facilities. Both maps underscore why these estimates of addressability are conservative since many identified CLEC customers fall beyond the fiber buffer and switch radius. Furthermore, many of the customers in St. Petersburg and south Tampa are far from known CLEC fiber routes; some of these are UNE-provisioned customers, but others represent utilization of other loop alternatives available to CLECs, e.g., special access, wireless local loop.



## 1.6 GTE Franchise Area - Tampa, Florida: CLEC Bypass Customers And Addressable Market



## 1.7 GTE Franchise Area - St. Petersburg, Florida: CLEC Bypass Customers And Addressable Market



PNR and Associates, May 1999

GTE Comments in CC Docket No. 96-98

The following tables summarize the addressability statistics for the greater Tampa area:

<u>Resale</u>	<u>Loop UNE</u>	<u>Bypass</u>	<u>Bypass Percentage of Wholesale Share</u>
31,734	37	16,761	34.54%

**ADDRESSABLE MARKET**  
**IMMEDIATE                      RADIUS**

**TOTAL STATISTICS**

Addressable buildings	59,630	203,119
Total buildings	502,942	337,425
Percent of addressable buildings	11.86%	60.20%
Addressable customers	127,220	315,264
Total customers	813,597	526,641
Percent of addressable customers	15.64%	59.86%

**BUSINESS STATISTICS**

Addressable business buildings	13,858	28,347
Total business buildings	65,347	43,480
Percent of addressable business buildings	21.21%	65.20%
Addressable firms	29,670	49,498
Total firms	109,047	71,704
Percent of addressable firms	27.21%	69.03%

**RESIDENTIAL STATISTICS**

Addressable residential buildings	47,931	180,456
Total residential buildings	451,647	303,588
Percent of addressable residential buildings	10.61%	59.44%
Addressable residences	97,550	265,766
Total residences	704,550	454,937
Percent of addressable residences	13.85%	58.42%

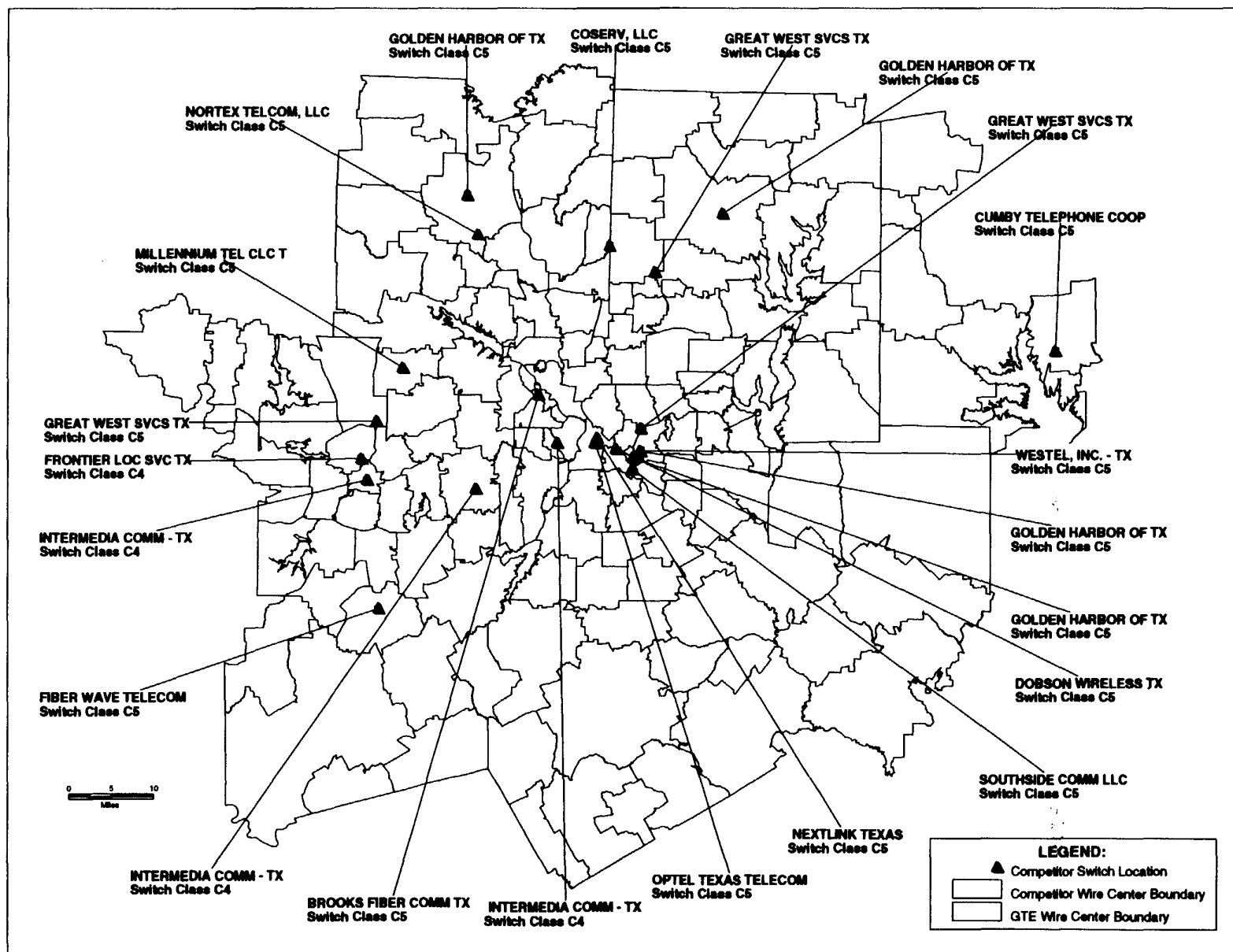
**DFW Metroplex**

## **GTE Franchise Area - Dallas-Ft. Worth, Texas: CLEC Switch Deployment**

### **Overview of Map 2.1**

Map 2.1 demonstrates switch deployment by CLECs in GTE's franchise area in the Dallas-Fort Worth Metroplex. Twenty-seven CLECs in the area own and operate a total of 45 switches.

## 2.1 GTE Franchise Area - Dallas-Ft. Worth, Texas: CLEC Switch Deployment

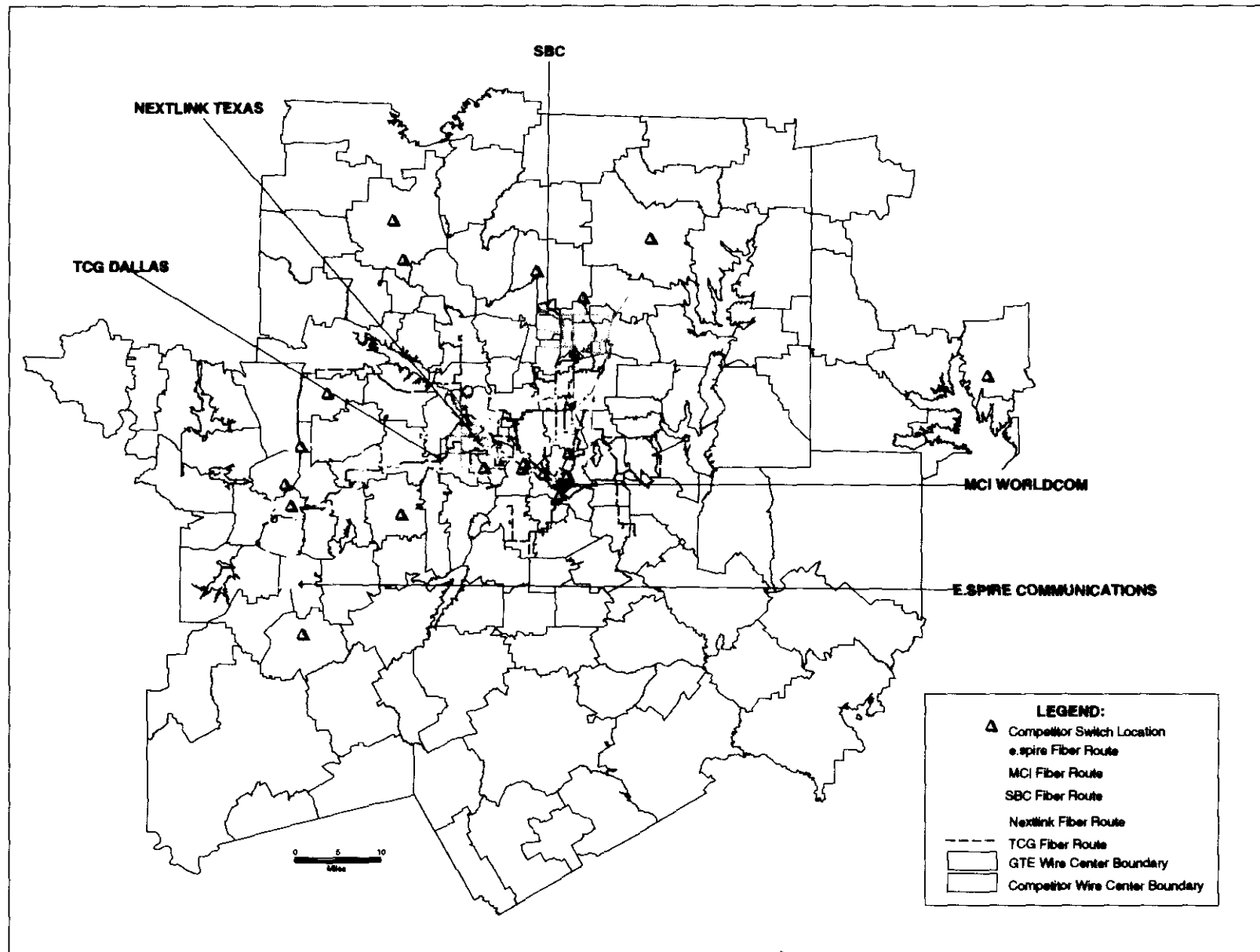


## **GTE Franchise Area - Dallas-Ft. Worth, Texas: CLEC Switch Deployment**

### **Overview of Map 2.2**

Map 2.2 demonstrates competitive fiber routes by carrier in GTE's Dallas-Fort Worth franchise area. A plethora of fiber has been deployed throughout the Metroplex, with especially heavy incursions in GTE's franchise areas west in Irving/Los Colinas and north in Plano.

## 2.2 GTE Franchise Area - Dallas-Ft. Worth, Texas: CLEC Fiber Deployment

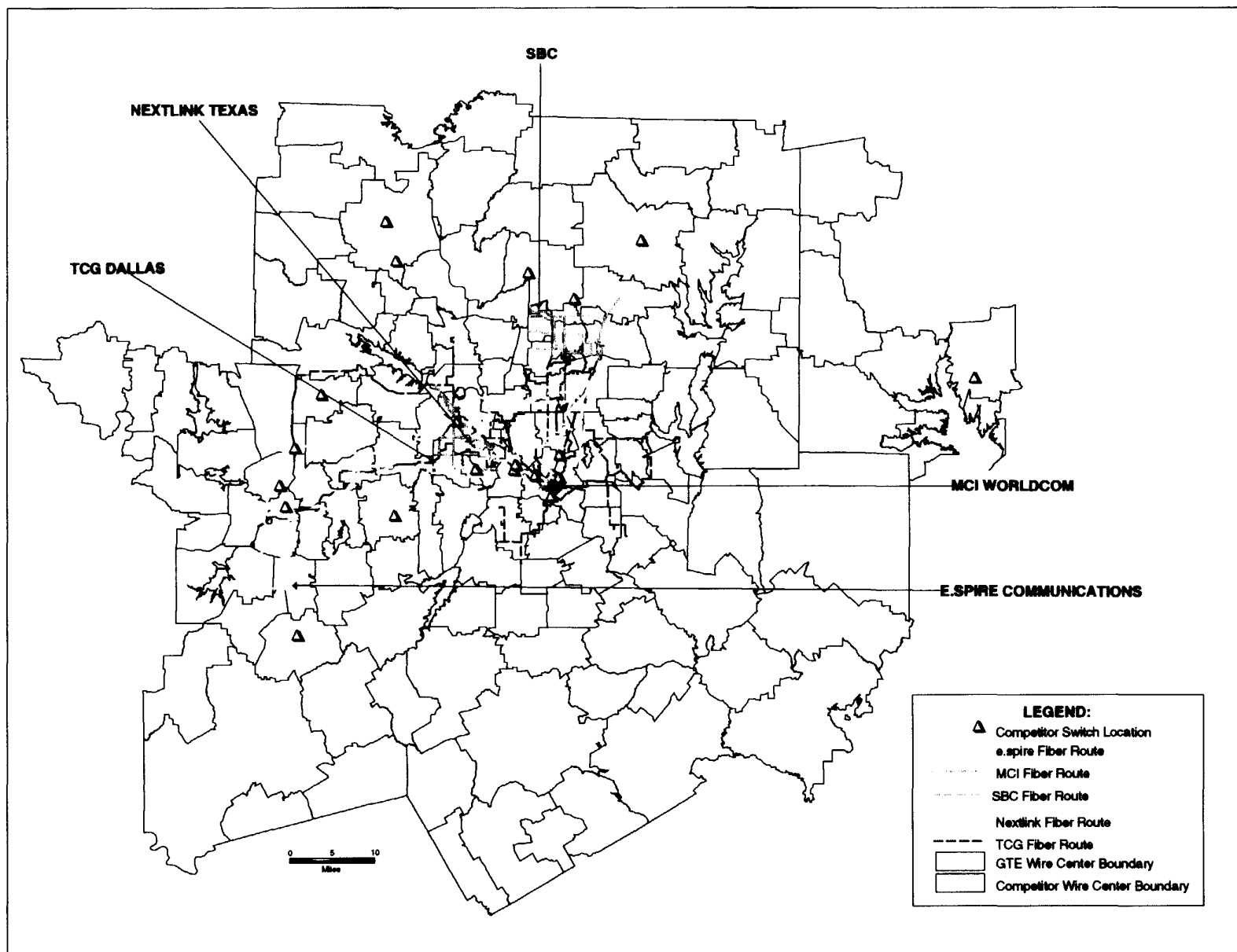


PNR and Associates, May 1999

GTE Comments in CC Docket No. 96-98



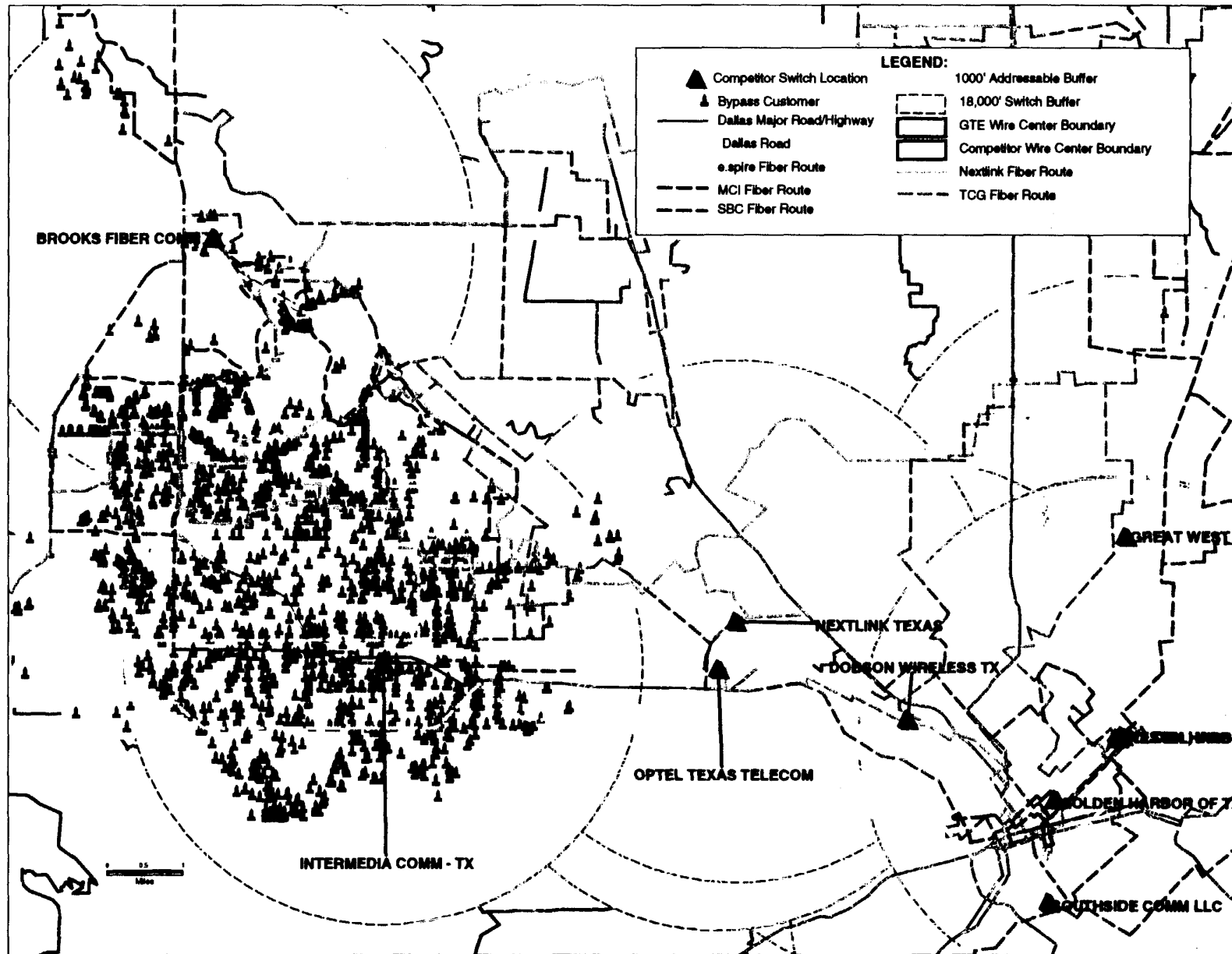
## 2.2 GTE Franchise Area - Dallas-Ft. Worth, Texas: CLEC Fiber Deployment



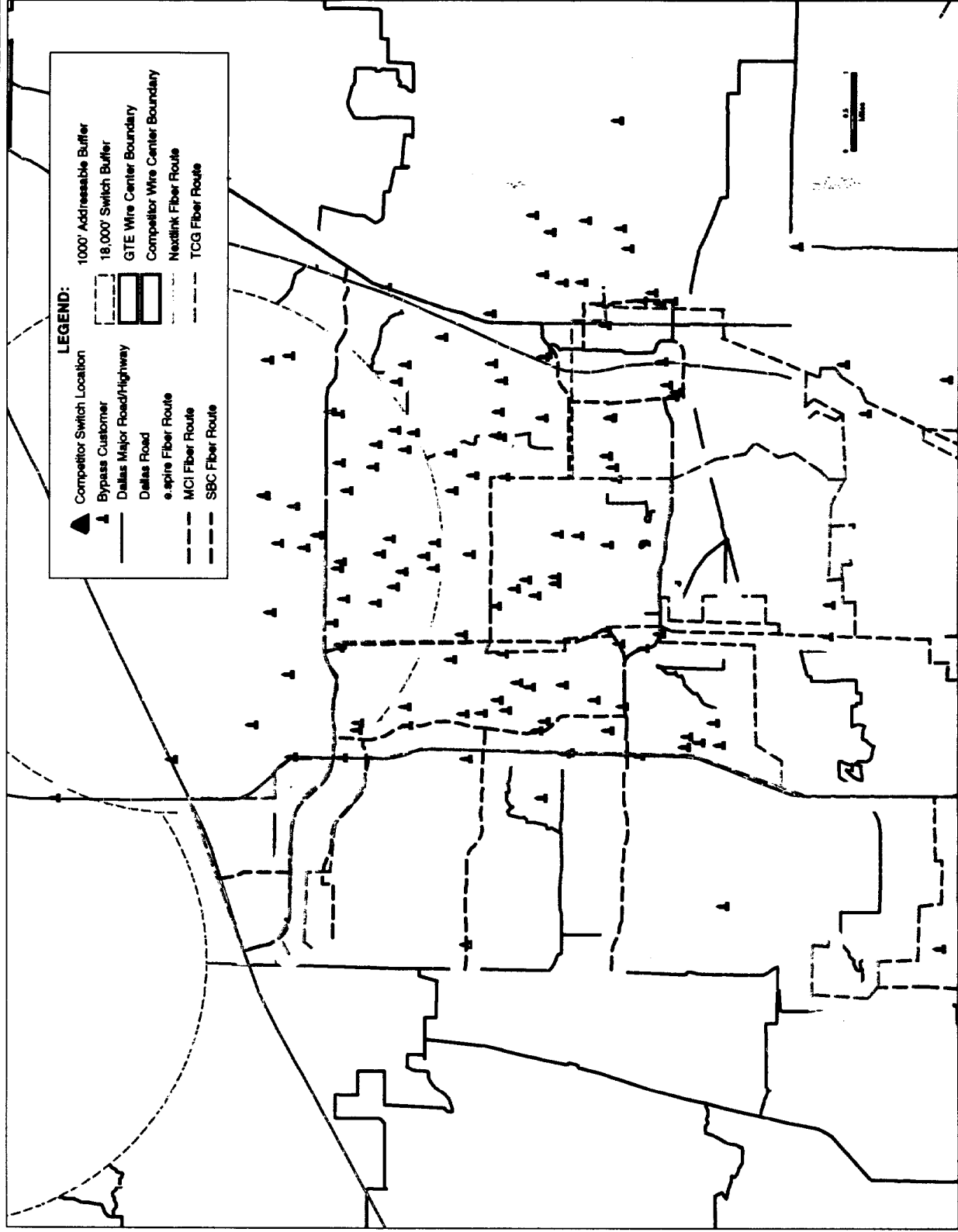
PNR and Associates, May 1999

GTE Comments in CC Docket No. 96-98

## 2.3 GTE Franchise Area - Dallas-Ft. Worth, Texas: CLEC Bypass Customers And Addressable Market In Irving/Los Colinas



## 2.4 GTE Franchise Area - Dallas-Ft. Worth, Texas: CLEC Bypass Customers And Addressable Market In Plano



PNR and Associates, May 1999

GTE Comments in CC Docket No. 96-98

## **GTE Franchise Area – Dallas-Fort Worth, Texas: CLEC Bypass Customers And Addressable Market In Irving/Los Colinas And Carrollton/Plano**

### **Overview of Maps 2.3-2.4**

Map 2.3, which focuses on GTE's franchise area in the Irving suburb west of Dallas, demonstrates among the greatest absolute number of identified CLEC bypass customers of any other GTE market.

Similarly, Map 2.4 focuses on GTE's Carrollton/Plano service area; it shows fewer locations than in Irving but with significant concentration of customers within buildings.

The following definitions are employed for the bypass and addressability statistics that follow:

- Customers that are Immediately Addressable region are defined to fall within a buffer area of 1,000 feet on either side of a competitor's fiber route.
- Customers that are Radius Addressable are defined to fall within a radius of 18,000 feet around a competitor's class five switch.
- Buildings may contain more than one bypass customer.

Facilities-based CLECs are targeting businesses of all sizes and residential customers in the suburbs of Dallas and Ft. Worth that GTE serves. MCI has achieved the greatest penetration using total facilities bypass, with nearly 8,000 bypass customers in the area. SBC CLEC, by contrast, has utilized loop UNEs extensively to target both business and residential customers. In map 2.3 and 2.4, the concentration of identified bypass customers is readily apparent. By the conservative addressability estimates here, nearly all of the business and residential customers in GTE's service area can be reached easily from existing CLEC facilities: 97% of all business and residential GTE customers are within 1000 feet of CLEC fiber.

The following tables summarize the addressability statistics for the DFW Metroplex:

<u>Resale</u>	<u>Loop UNE</u>	<u>Bypass</u>	<u>Bypass Percentage of Wholesale Share</u>
6,394	17,251	12,186	34.01%

**ADDRESSABLE MARKET**  
**IMMEDIATE      RADIUS**

**TOTAL STATISTICS**

Addressable buildings	32,447	31,637
Total buildings	33,759	33,699
Percent of addressable buildings	96.11%	93.88%
Addressable customers	66,415	61,909
Total customers	68,085	68,018
Percent of addressable customers	97.55%	91.02%

**BUSINESS STATISTICS**

Addressable business buildings	5,078	4,873
Total business buildings	5,357	5,326
Percent of addressable business buildings	94.79%	91.49%
Addressable firms	10,261	9,787
Total firms	10,604	10,573
Percent of addressable firms	96.77%	92.57%

**RESIDENTIAL STATISTICS**

Addressable residential buildings	28,829	28,105
Total residential buildings	29,894	29,865
Percent of addressable residential buildings	96.44%	94.11%
Addressable residences	56,154	52,122
Total residences	57,481	57,445
Percent of addressable residences	97.69%	90.73%

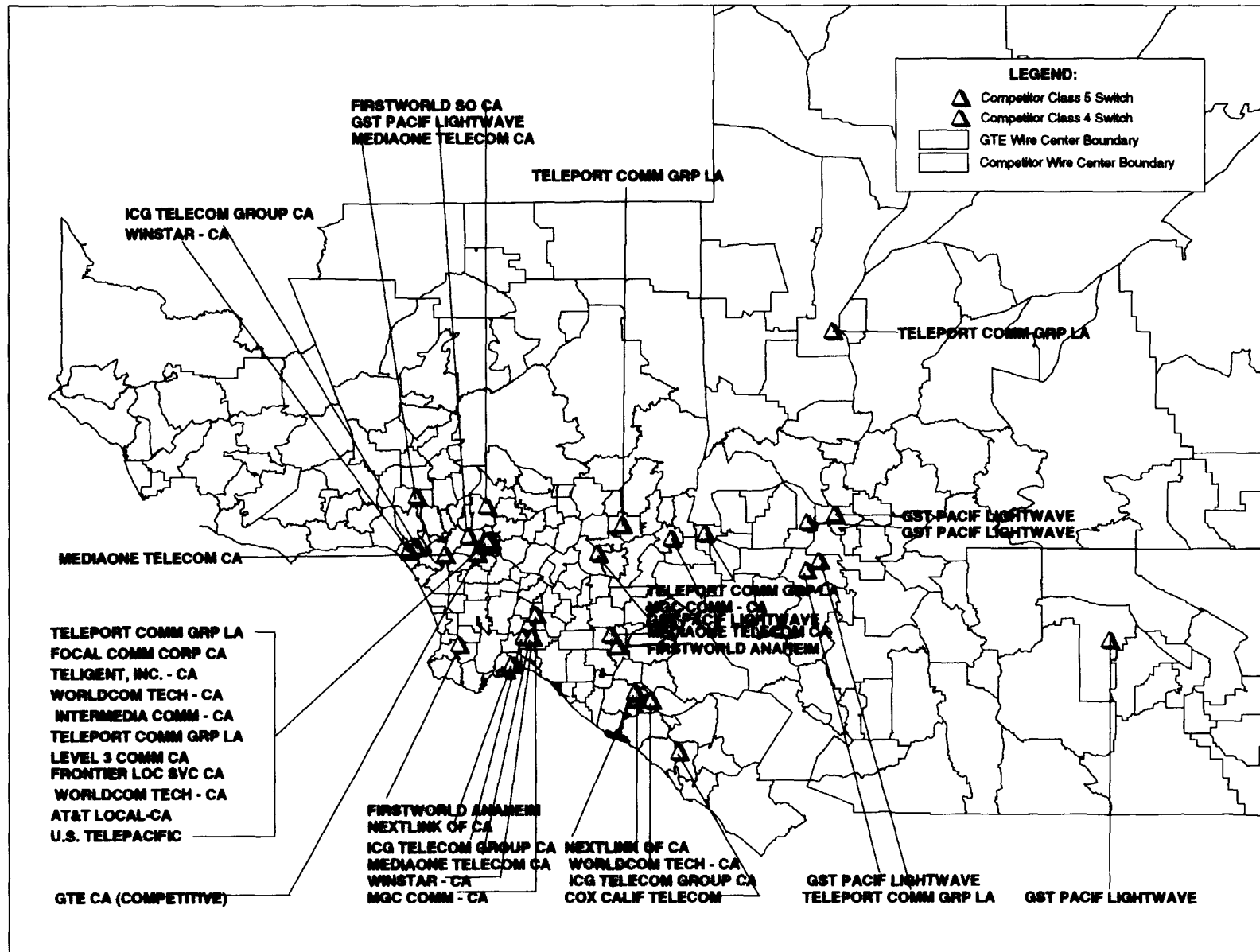
Los Angeles

## **GTE Franchise Area - Greater Los Angeles Area, California: CLEC Switch Deployment**

### **Overview of Map 3.1**

Map 3.1 demonstrates switch deployment by CLECs in GTE's franchise area in the greater Los Angeles Area. CLECs in the area own and operate a total of 47 switches with unprecedented concentration.

### 3.1 GTE Franchise Area - Greater Los Angeles Area, California CLEC Switch Deployment





## **GTE Franchise Area - Greater Los Angeles Area, California: CLEC Fiber Deployment**

### **Overview of Map 3.2**

Map 3.2 demonstrates competitive fiber routes of carriers in the greater Los Angeles area. AT&T/TCG, MCI, and Nextlink each have extensive loop and transport capability by virtue of their fiber deployment. Nextlink alone has three distinct networks that span downtown Los Angeles, Beverly Hills, and Gardena to connect throughout Orange County. MCI achieves similar area coverage using a less concentrated network structure.

### 3.2 GTE Franchise Area - Greater Los Angeles Area, California CLEC Fiber Deployment

